
CDF Operations Report

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Fermilab

All Experimenters Meeting
July 2, 2007



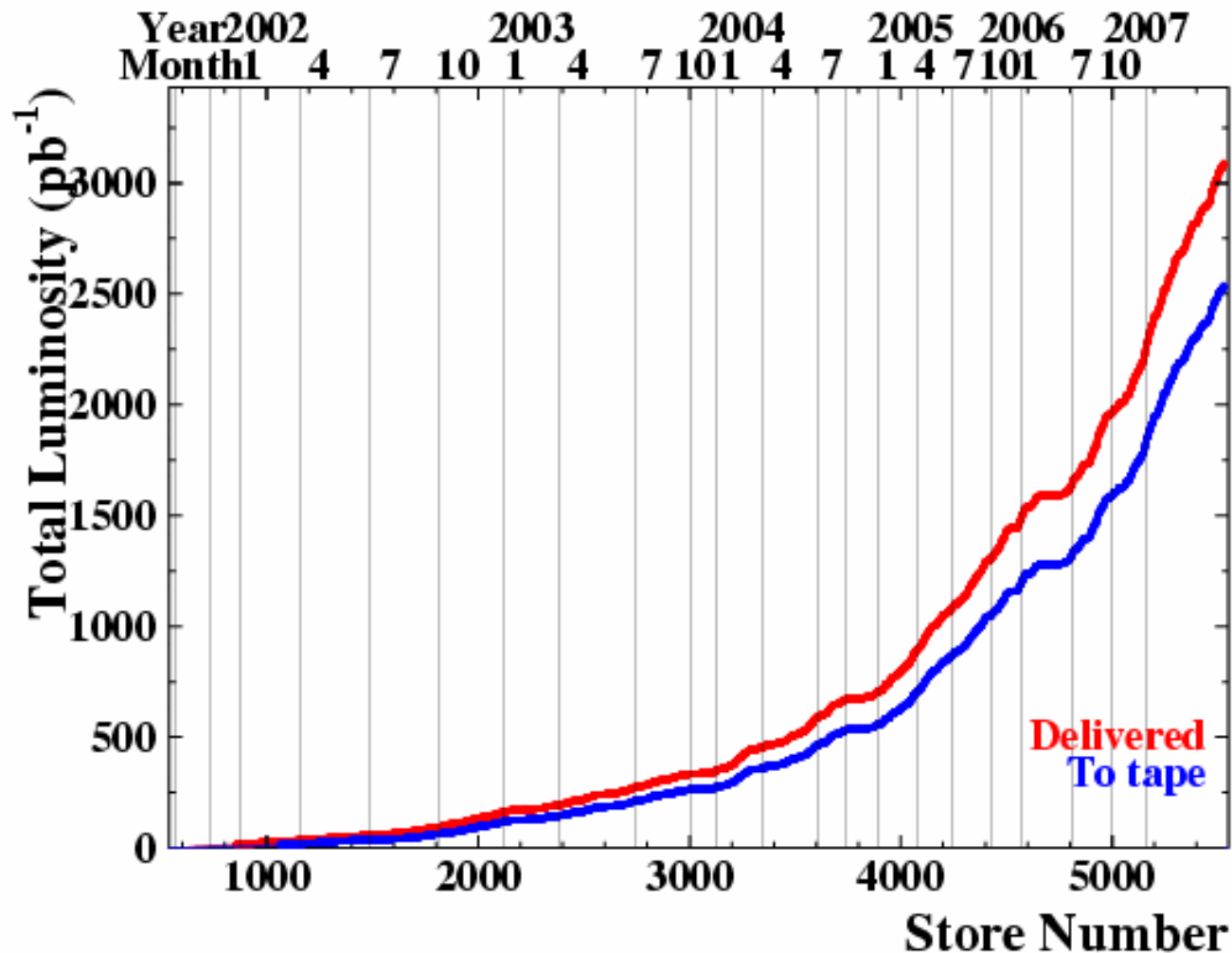
Store Summary (June 25-July 02)

Store	Start date	Durat ion	Init. Lum	Deliv. Lum	Live Lum	Good w/SVX	Comments
5516	6/26 Tue	18.8	191.5	5.83	4.55 78.1%	4.50 77.3%	Problems with L2 crates
5524	6/28 Thu	19.4	186.5	5.76	4.73 82.2%	4.73 82.2%	Lost 30 min at startup due to BSC HV Off
5526	6/29 Fri	18.1	203.3	5.61	4.64 82.7%	4.53 80.7%	L1 problems due to hot CAL tower
5528	06/30 Sat	18.5	200.3	5.77	5.06 87.7%	5.03 87.2%	Silicon calibrations
5530	07/01 Sun	19.4	197.6	5.82	5.17 88.8%	5.10 87.7%	L2 upgrade tests
5531	07/01 Sun		195.0		~90.0%	~90.0%	ongoing
Total		94.1		28.78	24.15 83.9%	23.89 83.0%	

CDF Operations

- **Controlled access on Monday (June 25)**
 - Replace COT fans
 - Silicon PS swap
 - Plug Calorimeter calibration (80% done)
- **1h Controlled access on Wednesday (June 27)**
 - Replaced bad COT TDC board
 - Replaced 2 bad Control Units for muon scintillators
 - Debugged Silicon ladder
- **Work this week**
 - Lot's of L2 upgrade work
 - Cluster finder running in default configuration (for two weeks)
 - XFT running in parallel on a separate PC
 - Silicon calibration
- **Other**
 - Diamond Abort System review on Tuesday
 - “Diamond” system is running in parallel with the “old” abort system, but not yet connected to the abort system

Store summary...



- **$\sim 2,537.4 \text{ pb}^{-1}$ on tape**
- **Added $\sim 24.2 \text{ pb}^{-1}$ this week**
- **Data taking efficiency for the week is 83.9% (ave 81.8%)**